

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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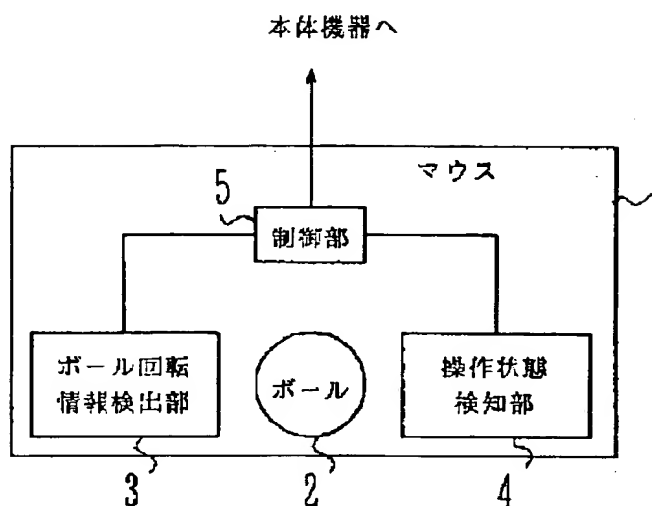
APPLICATION DATE : 05-10-92  
APPLICATION NUMBER : 04265228

APPLICANT : RICOH CO LTD;

INVENTOR : KAMAKURA SATOSHI;

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TITLE : CURSOR OPERATING DEVICE



**ABSTRACT :** **PURPOSE:** To efficiently save the electric power of a battery-driven computer equipment which uses the cursor operating device by stopping supplying electric power to a ball rotation information detection part when the non-operation state of the cursor operating device is detected, and restarting the power supply when the in-operation state is detected in the stand-by mode.

**CONSTITUTION:** A control part 5 monitors the signal from an operation state detection part 4 and stops supplying the electric power to the ball rotation information detection part 3 unless an operator operates a mouse 1 to places the control part 5 itself in the stand-by mode. The control part 5 in the stand-by mode monitors the detecting operation of the operation state detection part 4 under timer interruption control. When the operator presses a button or uses the mouse 1 by rotating the ball 2, the control part 5 inputs the detection signal of the use state of the mouse 1 from the operation state detection part 4 by the timer-interruption control. Then the stand-by mode is reset and the electric power supply is restarted.

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